

ABSTRACT OF THE DISCLOSURE

The equipment of the present invention can implement high-speed hybridization with a simple construction and is configured as described below.

The equipment comprises a biochip prepared by fixing biopolymers onto a plurality of sites on a substrate, positive and negative electrodes for generating an electric field along the surface of this biochip substrate, and a magnetic field generating means for generating a magnetic field along the surface of the above biochip substrate, and is configured to move biopolymers movable in the fluid stored over the above-mentioned biochip substrate along the surface of the above biochip substrate as well as to attract the above described biopolymers towards the surface of the above biochip substrate during hybridization of the above biopolymers, by making the above-mentioned electric and magnetic fields act along the surface of the above biochip substrate.